

On Electrophoretic Ion Focussing<sup>1</sup> X<sup>2</sup> The  
Analysis of Rare Earth Mixtures, by  
Walter Friedli, Ernst Schumacher, 44 pp.

GERMAN, por, Helvetica Chimica Acta,  
Vol XLIV, 1961, pp 1829-1856. 9223537

9066964

AEC URL-Tr 851

Sci - Phys  
Oct 62

212, 678

General Method for the Rapid Determination of  
Tritium, Radiocarbon and Radio-Sulphur in  
Organic Materials by Means of the Liquid  
Scintillation Method, by F. Kalberer, J.  
Rutschmann.

GERMAN, per, Helv Chim Acta, No 44, 1961,  
pp 65-1956  
NZDIA

Sci -  
Jul 67                  334,248

Detection of Methaminodiazepoxide (Librium) and its  
Metabolites, by J. Baumler, S. Rippstein.  
GERMAN, per, Helvetica Chimica Acta, Vol. 44, 1961,  
pp 2203-2210.

NZDIA

Sci -  
July 1967

334-027

Synthesis Tests in the Emetine Series, by ZA. Brossi,  
O. Schneider, XI9 pp.  
GERMAN, per, Helvetica Chimica Acta, Vol XLV,  
1962, pp 1899-1907.  
Patent Office

Sci - Chem  
Sept 64

267,054

A Rapid Method for Determining Tritium, Radiocarbon  
and Radiosulphur in Any Organic Sample Material  
by Means of Liquid Scintillation Counting, by  
F. Halberer, J. Rutschmann, 17 pp.

GERMAN, per, Helvetica Chimica Acta,  
Vol XI, No 7, SEPTEMBER 1961, pp 1976-  
1966.

Sci - Chem  
Sep 62

AFRE, Harwell  
Tr-1684  
AFRE-Harwell-  
Tr-914 211,529  
(9210740)  
NZL.A

Kalberer, F. and Rutschmann, J.  
A RAPID METHOD FOR THE DETERMINATION OF  
H<sup>3</sup>, C<sup>14</sup> and S<sup>35</sup> IN ANY ORGANIC SAMPLE  
MATERIAL BY LIQUID SCINTILLATION COUNTING.  
[1962] 7p. (fig, tables refs. omitted).  
Order from SLA \$1.10

63-10879

Trans. of Helvetica Chimica Acta (Switzerland) 1961,  
v. 14, no. 7, p. 1956-1966.

DESCRIPTORS: \*Radioactivity, Beta particles, Labeled  
substances, Hydrogen, Carbon, Sulfur, \*Radioactive  
isotopes, Determination, Combustion, Absorption,  
Safety, Biochemistry, Liquids, \*Scintillation counters,  
\*Organic materials.

(Nuclear Physics and Nuclear Chemistry, TT, v. 10,  
no. 1)

63-10879  
I. Kalberer, F.  
II. Rutschmann, J.

Office of Technical Services

Radiation Chemistry of the Hydrocarbons, Part 4:  
Toluene, by Jurg Hoigne, Tino Gaumann, 13 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XLIV, No 7,  
1961, pp 2141-2150. 9093455

ABC SCL-T-410

Sci - Chem  
May 62

196,760

Results of Low-Temperature Research XXXV. Simultaneous Enrichment of N<sup>15</sup>, O<sup>17</sup>, and O<sup>18</sup>, by Rectification of Nitric Oxide, by K. Clusius, K. Schleich, M. Vecchi, 37 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XLIV, No 42, 43, 1961, pp 343-361. 9077335

AEC Tr-4567

Sci - Chem  
Jul 61

157,451

Proton Resonance Spectroscopy and Steroid  
Structure. The C-19-Methyl Signal as a Function  
of the Substituents, by R. F. Zurcher.

GERMAN, per, Helvetica Chimica Acta,  
Vol XLIX, 1961.

NZDIA

Sci  
Dec 62

Feitknecht, W. and Michaelis, W.  
HYDROLYSIS OF IRON. III. PERCHLORATE SOLUTIONS. [1963] 25p. 12 refs.  
Order from SLA \$2.60

63-18780

Trans. of Helvetica Chimica Acta (Switzerland) 1962,  
v. 45 [no. 1] p. 212-224.

DESCRIPTORS: \*Iron compounds, Hydroxides, \*Hydrolysis, \*Perchlorates, Solutions, Chemical precipitation, Colloids, \*Crystallization

An investigation was made of the reaction products formed when  $\text{Fe}(\text{H}_2\text{O})_6^{3+}$  is deprotonated in perchlorate solutions. When a small amount of base is added, metastable solutions containing the ions  $\text{Fe}(\text{H}_2\text{O})_5^{4+}$ ,  $\text{Fe}(\text{H}_2\text{O})_5\text{OH}^{2+}$ ,  $\text{Fe}_2(\text{H}_2\text{O})_8(\text{OH})^{4+}$  and  $\text{Fe}(\text{H}_2\text{O})_4(\text{OH})^+$  are formed, and  $\alpha$ - $\text{FeOOH}$  slowly crystallizes out. In a narrow intermediate range immediately after adding the base colloidal amorphous  $\text{Fe}(\text{OH})_3$  and crystalline (Chemistry--Inorganic, TT, v. 10, no. 11) (over)

63-18780

- I. Feitknecht, W.
- II. Michaelis, W.
- III. Title: Perchlorate...

Office of Technical Services

Dahn, H. and Fuchs, H.  
A PREPARATIVE ANALOG FOR SEPARATION IN  
THIN LAYERS: HORIZONTAL COLUMN CHROMA-  
TOGRAPHY IN A CELLOPHANE TUBE. (Ein  
Präparative Analogon zur Trennung auf Dünnen  
Schichten. Horizontale Säulenchromatographie).  
[1962] [18]p. 24 refs.  
Order from SLA \$1.60

63-10336

Trans. of Hely[etica] Chim[ica] Acta (Switzerland)  
[1962] v. 45, no. 1, p. 201-270.

DESCRIPTORS: Separation, \*Chromatographic  
analysis, Plastic films, Pipes, Adsorbents, Thin films.

(Chemistry--Analytical, TT, v. 10, no. 1)

63-10336

I. Dahn, H.  
II. Fuchs, H.  
III. Title: Horizontal ...

Office of Technical Services

Sommer, P. F., Sauter, W. and others.

A SELF-INTEGRATING METHOD FOR THE RAPID DETERMINATION OF CARBON AND HYDROGEN IN ORGANIC COMPOUNDS ON MILLIGRAM AND SUB-MILLIGRAM SAMPLES USING CATHAROMETERS (PRELIMINARY REPORT) (Selbstintegrierende Methode zur raschen Bestimmung von Kohlenstoff und Wasserstoff in organischen Verbindungen an Milligramm- und Submilligramm-Mengen unter Verwendung von Katharometern). [1962] 7p. (figs. omitted) 25 refs. Order from SLA \$1.10

63-10399

63-10399

I. Title: Catharometers

I. Sommer, P. F.

II. Sauter, W.

<sup>Chimica</sup>  
Trans. of Helv[etical] Acta (Switzerland) 1962, [v. 45]  
no. 2, p. 595-600.

DESCRIPTORS: \*Quantitative analysis, \*Carbon,  
\*Hydrogen, Organic compounds, Microanalysis,  
Thermal conductivity, Combustion.

(Chemistry--Analytical, TT, v. 10, no. 2) (over)

Office of Technical Services

Demole, E., Lederer, E., and Mercier, D.  
ISOLATION AND DETERMINATION OF THE  
STRUCTURE OF METHYL JASMONATE, ODORIF-  
EROUS CONSTITUANT CHARACTERISTICS OF  
JASMINE OIL. [1962] 12p. 38 refs.  
Order from SLA \$1.60

62-18062

Trans. of Helv[etica] Chim[ica] Acta (Switzerland)  
1962, v. 45, p. 675-685.

DESCRIPTORS: \*Odors, \*Oils, Chemical analysis,  
Plants.

A new odoriferous component, for which we propose the  
name "Methyl jasmonate", has been isolated from Jas-  
mine oil (*Jasminum grandiflorum* L.). This compound is  
shown to be (-)-methyl cis-2-pent-2'-enyl-3-oxo-  
cyclopentylacetate. (Author)

(Chemistry--Analytic, 1, TT, v. 8, no. 10)

62-18062

- I. Title: Jasmine oil
- II. Demole, E.
- III. Lederer, E.
- IV. Mercier, D.

Office of Technical Services

<p>Demole, E., Lederer, E., and Mercier, D. SYNTHESIS OF METHYL DIHYDROJASMONATE (METHYL 2-PENTYL-3-OXO-CYCLOPENTYLACETATE). [1962] 10p. 8 refs. Order from SLA \$1.10</p> <p>62-20120</p> <p>Trans. of <u>Hely[etica] Chim[ica] Acta</u> (Switzerland) 1962, v. 45, no. 2, p. 685-692.</p> <p>DESCRIPTORS: *Methyl radicals, *Pentyl radicals, *Acetates, Synthesis, Molecular structure.</p>	<p>62-20120</p> <p>I. Demole, E. II. Lederer, E. III. Mercier, D.</p>	
(Chemistry--Organic, TT, v. 10, no. 1)	Office of Technical Services	

On the Reactivity of Polycyclic Quinones, by H. Hopff,  
H. Schweizer.  
GERMAN, per, Helvetica Chimica Acta, Vol XLV, No 123,  
1962, pp 1044-1064.

CSIRO/No 6135

Sci - Chem

Feb 64

250,491

Contribution to the Chemistry of the Si-N Bond,  
I. Preparation and Decomposition of Cyclic N-Silylated  
Silazanes, by Walter Fink, 11 pp.  
GERMAN, per, Helvetica Chimica Acta, Vol XLV, No 127,  
1962, pp 1081-1089. 9691148

DDC RSIC-119

Sci - Chem  
Feb 64

250,734

<p>Honegger, C. G. PREPARATORY THIN LAYER CHROMATOGRAPHY (Präparative Dünnenschichtchromatographie). [Nov 62] {10}p. 10 refs. Order from SLA \$1.10</p> <p>Trans. of <u>Helvetica Chimica Acta</u> (Switzerland) 1962, v. 45, no. 5, p. 1409-1415.</p> <p>DESCRIPTIONS: *Chromatographic analysis, Adsorbants, *Gels, Thin films, Preparation, *Dyes, Separation, Organic solvents.</p> <p>The preparation of 1-5 mm. thick layers of adsorbent for preparative thin layer chromatography is described. The conditions of separation on Kieselgel G in relation to layer thickness, shape of spots and loading capacity have been examined. Optimum conditions have been (Chemistry--Analytical, TT, v. 10, no. 2) (over)</p>	<p>63-10927</p> <p>1. Title: Thin layer chromatography. I. Honegger, C. G.</p> <p>3.134-7717</p> <p>Office of Technical Services</p>
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Apparatus for Measurement of Sorption Kinetics and a Micro-  
Method for the Measurement of Sorption Isotherms, by  
A. Hofer, H. Mohler.  
GERMAN, per, Helvetica Chimica Acta, Vol XLV, No 5,  
1962, pp 1415-1418.

CSIRO/No 6221

Sci - Chem

Feb 64

250,490

Pyrolysis of Aromatics - I. Part - Biphenyl.

GERMAN, per, Helv Chim Acta, Vol XLV, 1962,  
pp 1563-1571.

Possibly to Come From Contacts  
per 10 Dec 1962 memo  
USIB INTERNAL USE ONLY

Sci - Chem

Dec 62

The Separator Tube. XXIV. Preparation of  $^{18}\text{O}_2$  and  
the Problem of Enrichment of  $^{17}\text{O}$ , by Klaus Clusius,  
Kuno Schleich, 22 pp.

GERMAN, per, Helv Chim Acta, Vol 45, 1962,  
pp 1704-1721.

AEC-Tr-5791

Sci - Chem

Aug 63

341, 574

Deyrup, J. A., Schmidt, H., and Karrer, P.  
ON THE CHEMISTRY OF THE WIELAND-GUMLICH  
ALDEHYDE. REPT. 55 on the Curare Alkaloids. [1962]  
11p. (figs. omitted) 22 refs.  
Order from SLA \$1.60

63-10516

Trans. of Helv[etica] Chim[ica] Acta (Switzerland) 1962,  
v. 45, no. 6, p. 2266-2272.

DESCRIPTORS: \*Curare alkaloids, \*Aldehydes, Acetyl  
radicals, Synthesis, Molecular rotation, Spectrographic  
analysis, Molecular structure.

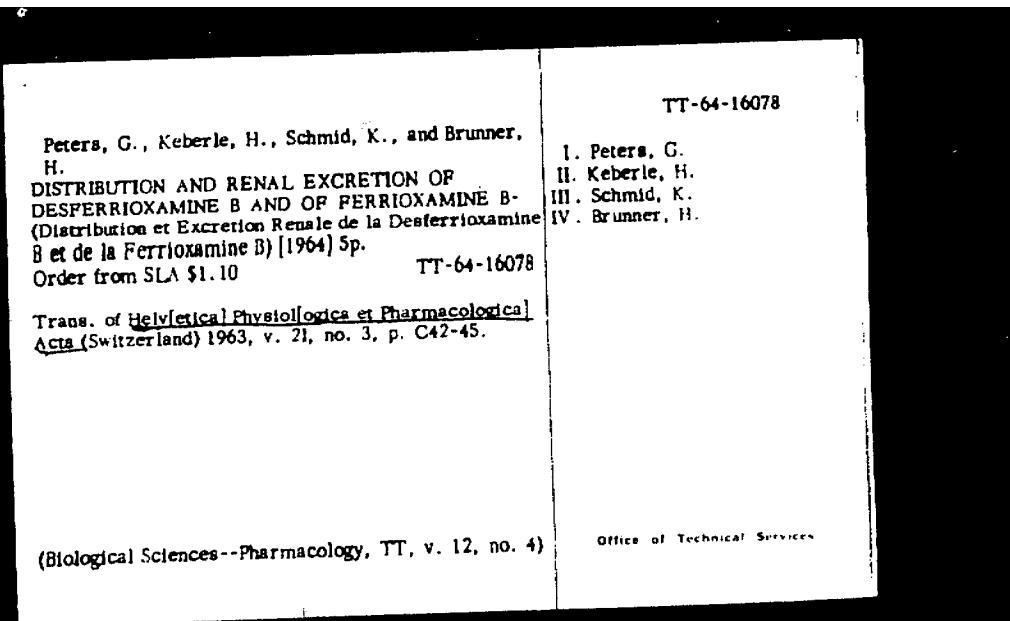
A synthesis of diaboline (N(a)-acetyl-Wieland-Gumlich  
aldehyde) is described. Rotational and spectral argu-  
ments are employed in a discussion of the configuration  
of the C-17 center of the Wieland-Gumlich aldehyde and  
some of its derivatives. These results are explained in  
terms of a conformational analysis of these compounds.  
(Author)

63-10516

1. Title: Wieland-Gumlich  
aldehyde
2. Title: Diaboline
- I. Deyrup, J. A.
- II. Schmidt, H.
- III. Karrer, P.
- IV. Title: Curare...

(Chemistry--Organic, TT,  
v. 10, no. 2)

Office of Technical Services



Solution Products of Metal-Oxides and Hydrooxides,  
by W. Michaelis, W. Feitknecht.  
GERMAN, per, Helvetica Chimica Acta, Vol 46,  
No 2, 1963,  
\*Dept of Navy N00 Trans 465

Sci-Chem  
Oct 69

Binding of Different Alkali Salts by Casein, by  
U. Feitkybecht, et al.  
GERMAN, per, Helvetica Chimica Acta, Vol XLVI,  
No 3, 1963, pp 813-815.  
GB/163/Anon

Sci - Chem  
Apr 64

257,257

Radiation Chemistry of Hydrocarbons. Part VI.  
Saturated Products in Hexane (I), by Hans Widmer,  
Tino Gaumann, 19 pp.  
GERMAN, per, Helvetica Chimica Acta, Vol XLVI,  
No 3, 1963, pp 944-953. 9226043  
AEC-NP-Tr-1169

Sci-Chem  
Dec 64

270,566

So-Called Alkali Carbonyls. I. Crystal Structure  
of Acetylene-Diolate, KOC : BOK, by E. Weiss,  
W. Buchner.

GERMAN, per, Helv. Chim. Acta, Vol. 46, No. 4,  
1963, pp 1121-1127  
GB 306/203

Sci -  
Aug 67

335-609

Conditions of Tautomerism in Hydroxyacyl-Cyclopeptides.  
2. Chemical Structures and UV Spectroscopy, by K.  
Stich, H. Leeman.  
GERMAN, per, Helvetica Chimica Acta, Vol. 46, No. 4,  
1963, pp. 1151-1157.  
CSIRO/NO. 6722

Sci -  
July 1967

334-037

Proton Resonance Spectroscopy and Steroid  
Structure. II. The position of the C-18  
and C-19 Methyl Signals in Relation to  
Substituents of the Steroid Skeleton,  
by R. F. Zurcher.  
GERMAN, per, Helvetica Chimica Acta, Vol 46,  
No 6, 1963.  
NZDIA

Sci -  
Jul 67                    334,812

Chemical Reactions in a Mass Spectrometer,  
by Ernst Schumacher, 38 pp.  
GERMAN, per, Helvetica Chimica Acta, Vol XLVI, 1963,  
pp 1295-1314. 9696154  
Amer Meteorol Soc  
T-G-63-33

Sci - Phys  
Mar 65

275,051

Metabolic Products of Microorganisms Rept.  
43. Facts About Desferrioxamine B, by H.  
Bickel, H. Keberle, 6 pp.  
GERMAN, per, Helv Chim Acta, 1963, v. 46,  
No 4, pp 1385-1389.  
SLA TT 64-18141

Jul 66

305,410

Effect of Chamber-Saturation in Thin-Layer  
Chromatography, by C. G. Honegger.  
GERMAN, per, Helvetica Chimica Acta, Vol XLVI,  
No 187, 1963, pp 1730-1734, 9694646  
DDC RSIC-163

Sci - Chem  
Oct 64

268,314

Proton Resonance Spectroscopy and Steroid  
Structure. Part II. The Position of the c-18  
and c-19 Methyl Signals in Relation to Sub-  
stituents on the Steroid Skeleton, by

R. F. Zurcher.

GERMAN, per, Helvetica Chmica Acta, Vol 46,  
1963, pp 2054-2087.

NTC-69-13292-07C

Sci-Chem  
Sept 69

391,685

Alpha-substituted Dopacetamides as Inhibitors of Catechol-O-methyl Transferase and of the Enzymatic Hydroxylation of Aromatic Amino Acids: Substances Interfering With Catechol Amine Metabolism. II., by A. Carlsson.

GERMAN, per, Helv. Chim. Acta, Vol 46, No 6, 1963 pp 2271-2285.

HEW NIH 6-61-66 (On Loan)

Sci/B&M

Jan 67

317,992

New Re-arrangements of Aryl-Allyl-Ethers  
and Allyphenois, by J. Bogulya.  
GERMAN, Helv. Chim. Acta, No. 46, 1963,  
p. 2444.  
NLL Ref: 5828.4F (M.13051)

Sci-Chem  
July 69

387438

Study of Peptide Structures by Means of  
Phenylisothiocyanate V. On the Formation of  
Phenylthiohydantoins (35s) and their Chromatography,  
by E. Cherbuliez,  
GERMAN, per, Helvetica Chimica Acta, Vol 46,  
No 272, 1963, pp 2446-2452.  
\*NASA TT F-11,426

GOVERNMENT USE ONLY  
Sci/Chem  
Mar 68

Inorganic Thin-Layer Chromatography  
Quantitative Determination of Cations  
Separated by Means of Thin-Layer Chromatography,  
by H. Seiler,  
GERMAN, por, Helvetica Chimica Acta,\*  
Vol XLVI, No 7, 1963, pp 2629-2636. 9698457  
DDC RSIC 358

Sci-Chem  
Nov 65

292,882

Hircinol, an Antifungal Substance From *Loroglossum*  
*Hircinum* (L) Rich Tubers, by J Urech.  
GERMAN, per, *Helvetica Chimica Acta*, Vol. 46, 1963  
pp 2758-2766  
CSIRO/No.6929

Sci -  
Aug 67

336-015

Radiation & Chemistry of Hydrocarbons. 7. Iodine in  
Hexane, by Hans Widmer, Tino Gaumann, 23 pp,  
GERMAN, per, Helvetica Chimica Acta, Vol XLVI,  
No 7, 1963, pp 2766-2780. 9226029  
AEC-NP-Tr-1173

Sci-Chem  
Dec 64

270,152

Radiation Chemistry of Hydrocarbons. IX. Benzene,  
by T. Gaeumann, 20 pp.  
GERMAN, per, Helvetica Chimica Acta, Vol XLIV,  
1963, pp 2873-2885.  
AERE-Harwell U4Tr-1006

Sci-Chem  
Dec 64

269,05953

Research on the Accumulation and Toxicity of Radium  
and Radiostrontium in the Human Body. II. The Geneva  
Whole Body Counter, by Pierre Wenger, Charles E. Miller,  
18 pp.

GERMAN, per, Helvetica Chimica Acta, Vol XLVI,  
No 49, 1963, pp 467-479. 9224358  
AEC-AI-Tr-44

Sci-Biol & Med

Aug 64

265,628

Heterogeneous Isotopic Exchange. Exchange of  $\text{Fe}_3\text{O}_4$  With  $\text{Fe}^{59}$ , by Von K. Egger. 26 pp.

GERMAN, per, Helvetica Chimica Acta, Vol. XLVI, No 148,  
1963, pp 1339-~~1340~~. 9213923  
1360

AEC-tr-5937

Sci - Nucl Sci

Aug 63

Acidity Infra-red and Nuclear Resonance Spectra  
of Substituted  $\gamma$ -Ketocarboxylic Acids or their  
Pseudo-Acids, by C. Pascual.  
GERALD, per, Helvetica Chimica Acta, Vol 47, No 1,  
1964, pp 21-213-221,  
CSIRO/No 7164

Sci -  
Aug 67

335, vj5

Radiation ~~x~~ Chemistry of Hydrocarbons. X. L.E.T.  
Effects in Toluene, by J. Hoigne, W. G. Burns, et al,  
18 pp.  
GERMAN, per, Helvetica Chimica Acta, Vol XLVII,  
1964, pp 247-259.  
AERE-Harwell-Tr-1007

Sci-Chem  
Dec 64

269,954

Structure of ATP Complexes of Divalent Cations. Pt. 4. Coordination of the Adenine Ring, by P. W. Schneider, H. Brintzinger, H. Erlenmayer.  
SWISS, per, Helvetica Chimica Acta,  
Vol 47, 1964, pp 992-1002.  
SLA TI-66-10896

331, 481

Sci - Chem  
Jul 67

Beckmann Rearrangement and Fragmentation  
Part 1 - Mechanism and Detection of Intermediate  
Stages, by C. A. Grob, H. P. Fischer.  
GERMAN, per, Helvetica Chimica Acta,  
Vol XLVII, No 4, 1964, pp 1003-1015.  
9696557  
DDC RSIC 385

Sci-Chem  
Nov 65

292,878

Problem of Similarity in Chemistry, Specifically  
Adsorbing Silica Gels, II, by H. Erlenmeyer,  
H. Bartles.  
GERMAN, per, Helvetica Chimica Acta, Vol 47, No 5,  
1964, pp 8-1285- 1388.  
CSIRO/No 7245

334,507  
Sci -  
Jul 67

So-Called Alkali Carbonyls. 6. Paramagnetic  
Constituents of Alkali Carbonyls, by W.  
Buechner, E.A.C. Lucken.  
FRENCH, per. Helv. Chim Acta, Vol. 47, No. 8,  
1964, pp 2113-2119  
GB 306-219

Sci -  
Aug 67

337-380

Cycloenantiomerism and Cyclodiastereomerism  
1 and 2, by V. Prelog, H. Gerlach.  
FRENCH, per Helv. Chim. Acta. Vol. 47, No. 8,  
1964, pp 2288-2302  
CSIRO/ No. 7967

Sci -  
Aug 67

337-388

Silylation of Aromatic Hydroxy Compounds with Si - N - Compounds, by Roshdy M. Ismail, 12 p.  
FOR OFFICIAL USE ONLY  
GERMAN, per, Helvetica Chemica Acta,  
Vol XLVII, 1964, pp 2405-2410. 9698156  
RSIC-428

Sci-Chem  
Mar 66

294,399

Fascia-Besnoids and a Discussion of the Term  
Semimalignity, by H. Walker. 17 pp.  
GERMAN, per, Helvetica Chirurgica Acta, Series B,  
Vol 20, Suppl 7, 1953, pp 175-195.  
SIA TT-66-12758

Sci/B611  
Apr 67

322,470

Water Intoxication, Osmotic Nephrosis and  
Postoperative Anuria, by H. Heusser.  
GERMAN, per, Helvetica Chirurgica Acta, Vol XXIV,  
No 3, 1958, pp 173-175.  
NASA TT F-9051

Sci-Biol & Med  
Oct 64  
**U.S. GOVERNMENT ONLY**

267,566

Rupture of the Aorta in Blunt Thoracic Trauma, by  
M. A. Zehnder, ~~edit~~ 34 pp.

GERMAN, per, Helvetica Chirurgica Acta, Vol XXVI,  
No 5/6, 1959, pp 442-464.

Navy Tr 3247/NMS 734

Sci - Med

Nov 62

117, 511

Syndrome of Sprue Sympathetic of a Lympho-  
granulomatosis of the Intestine and Mesenteric  
Ganglia, by G. Eickel, Rutishauser, 14 pp.

~~1942~~, ppr, Helvetica Medicorum Acta, Vol IX,  
1942, pp 697-719.

RHM 12-23

Sci - Med

80, 474

Feb 59

Osteodystrophies of Renal Origin (A Study of the  
Skeletal Structure in 138 Cases of Renal Disease,  
9 pp.

GERMAN, per, Helv Med Acta, Vol XI, 1944,  
Part 1 pp 741-754; Part 2, pp 961-1010.

NLB 12-37

Sci & Medicine  
Jan 60

105,283

On the Hereditary Aspects of Palet's Esyeitis  
Deformans, by F. Koller, 16 pp.<sup>8</sup> UNCLASSIFIED

GERMAN, per, Helvet Med Acta, Series A, 1946,  
pp 389~400.

Navy 2685/TMCS 504

Sci - Medicine  
Nov 60

133, 821

Some Cases of High Voltage Irradiation and Severe  
Muscle Damage and Myoglobinuria; Findings, Pathology,  
Prognosis and Therapy, by Hans Fischer, P. H. Rossier,  
39 pp.

GERMAN, per, Helvet Med Acta, Vol XIV, 1947,  
pp 212-230.

SLA 59-14871

Sci

190, 032

Mar 62

Vol IV, No 6

In Vitro Culture of Endocrine-Gland Tissues for the  
purpose of Implantation in the Human Organism, by  
K. F. Bauer, 18 pp.

GERMAN, per: Helv Med Acta, Vol XV, 1943, pp 569-  
580.

NIN Tr 11-3  
S.L.A. Tr 1317

41, 813

Sci - Medicine  
Dec 56 CTS

Circulation Rates Measured With an Intracardiac  
Catheter Report of 23 Cases, by Hans Vogel,

34pp

~~SECRET~~  
DUTCH, per, Helvetica Medica Acta, Vol 17,  
1950, pp 137-158  
SLA TT-64-18995

Sci - Phy  
May 67

326,588

Clinical Significance of Magnesium Activated  
Alkaline Serum Phosphatases, by H. Baur, 9 pp.  
~~Offprint~~  
~~1950~~, par, Helvetica Medica Acta, Vol XVII,  
1950, pp 575-582.

S.L.A. Tr 893

W~~B~~ur - France  
Sci - Medicine

29,510

Etiology of Cases of Myalgia. Laboratory  
Infections With Coxsackie Virus, by H. Loffler,  
8 pp.

GERMAN, per, Helvetica Med Acta, Vol XIX,  
No 4/5, Jun 1952, pp 455-458.

NIH

Scientific - Medicine  
CTS 70/Jul 55

25,484

Glycosuria in a Case of Addison's Disease, by E. Beck,  
S. Gruchaud, 16 pp.

~~PHOTOGRAPH~~, per, Helv. Med Acta, Vol IX, Nov 1953, pp  
320-322.

S.L.A. Tr 26

32,729

WEUR - France  
Scientific - Medicine

Action of Desoxycorticosterone and Testosterone  
Propionate in Diabetes Mellitus, by H. Fahrlander,  
U. Schweizer, 5 pp.

GERMAN, per, Helv Med Acta, Vol XX, 1953, pp 211-215.

S.L.A.

Scientific - Medicine

24804

Steroid Metabolism in Hepatitis and Liver  
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Ch. Perlia, G. Nicolle, 3 p.

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SLA 60-10606

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Vol 3, No 4

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Circulatory Effects of Reserpine (Serpasil), by  
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SLA Tr 2016

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Comparative Actions of "Diamox", Potassium and Their  
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Adrenal Reaction (Aldosteron). (Comparaison  
du Diamox, du Potassium et de leur combinaison sur  
l'excretion urinaire des Electrolytes. Réaction  
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SLA 2990

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58-18. Influence of pyretotherapy on the adrenal response and the fibrinolytic activity of the plasma in man.  
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EXAMINATION OF THE FUNCTIONS OF THE LUNGS OF  
HEALTHY PERSONS. SEARCH FOR NEW NORMS FOR VITAL  
CAPACITY, PNEUMATOMETER VALUE AND RESIDUAL VOLUME,  
BY H. ZEHNDER, 8 PP.

GERMAN, PER, HELV MED ACTA, VOL XXVII, NO 3, 1960,  
PP 245-263.

NIH 7-48-62

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ANABOLIC HORMONES FROM THE EXPERIMENTAL  
POINT OF VIEW (Les Hormones Anabolisantes du  
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Order from SLA 53.60 61-18277

Trans. of Helv[etica] Med[ical] Acta (Switzerland)  
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DESCRIPTORS: \*Hormones, \*Testosterone,  
Metabolism, Physiology.

Critical analysis of the methods of investigations of  
the effects of anabolic hormones and their respective  
properties makes it possible to demonstrate their  
trophic action expressed among other things by effects  
on nitrogen balance or on weight gain. This study also  
demonstrates the possibility of an experimental disso-  
ciation of the anabolic action of the sexual effects;  
(Biological Sciences--Pharmacology, TT, v. 6, no. 11)  
(over)

61-18277

I. Desaulles, P. A.

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Effect of 17-alpha-methyl-17-beta-hydroxy-androsta-4,  
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J. J. Bode, J. J. M. Vegter, M. G. Woldring,  
3 pp.

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pp 527-529.

NIH 10-28-61

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Sci - Med

Proportion of Growth With New Anabolic Steroids, by  
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GERMAN, per, Helv Med Acta, Vol XXVII, 1960, pp 530-534.

MIR 5-41-61

Sci - Med  
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Anabolic Hormone in the Treatment of Amuria in  
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GERMAN, per, Helv Med Acta, Vol XXVII, 1960, pp 535-538.

NIH 5-36-61

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Action of Anabolic Hormones in Azotemia, by W.  
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NIH 5-39-61

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NIH 5-42-61

Sci - Med  
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Nitrogen Balance Studies Before and After Dianabol,  
by M. Werner, A. Hitz, H. Tholen, 3 pp.

GERMAN, per, Helv Med Acta, Vol XXVII, 1960, pp 543-545.

MIH 5-43-61

Sci - Med  
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Resuscitation and the ~~Ex~~ Cardiovascular System, by  
J. L. Rivier, 16 pp.

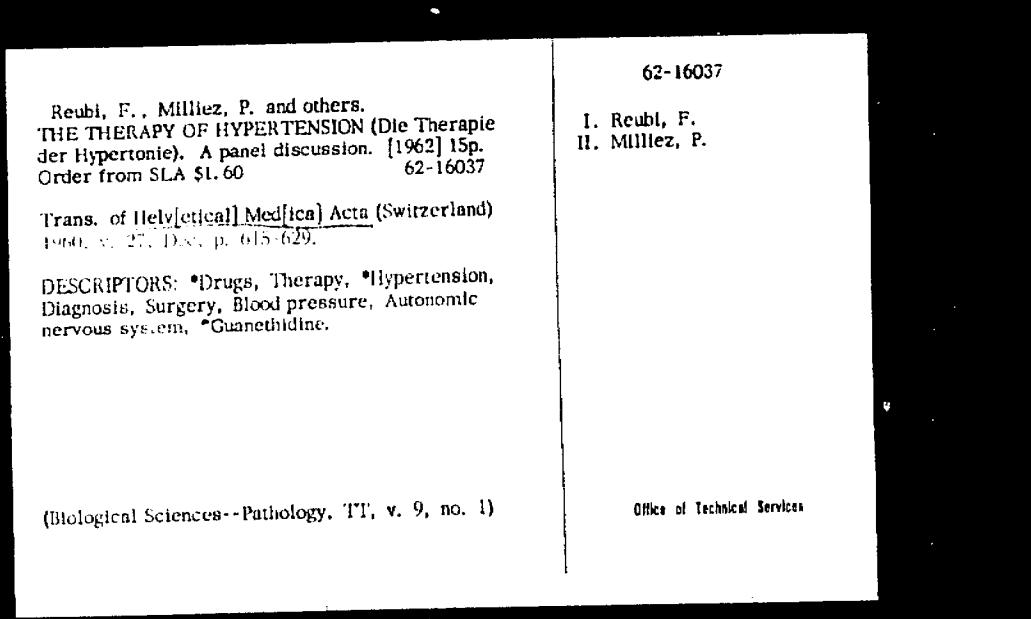
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pp 574-585.

NIH 10-40-61

179, 399

Sci - Med

Jan 62



Effect of 17-Ethyl-19-Nortestosterone on  
Cortisol ~~SECRET~~ Secretion, by A. F. Muller,  
E. L. Manning, 7 pp.

FRENCH, per, Helv Med Acta, Vol XXVII, 1960,  
pp 678-682.

NIH 10-39-61

Sci - Med

179, 398

Jan 62

Veyrat, R., Engel, E. and others.  
USEFULNESS OF COMBINING SALURETICS AND  
ALDOSTERONE INHIBITORS (SC 9420 AND SU 4885)  
IN REFRACTORY EDEMA (Utilité de l'Association  
des Salurétiques et des Inhibiteurs de l'Aldostérone  
(SC 9420 and SU 4885) dans le Traitement des Oedèmes  
Réfractaires). July 61, 9p. 1 ref.  
Order from SLA \$1.10

61-20046

61-20046  
I. Title: Saluretics  
I. Veyrat, R.  
II. Engel, E.

Trans. of Helv[etica] Medical Acta (Switzerland)  
1960, v. 27, Dec, p. 683-689.

DESCRIPTORS: \*Diuretics, \*Aldosterone, Therapy,  
\*Edema, \*Sodium, Absorption, Inhibition.

The principal mechanisms responsible for sodium  
retention in the proximal and distal parts of the renal  
tubule are discussed. It is the preponderance of one  
or the other of these mechanisms which dictates the  
(Biological Sciences--Pathology, TT, v. 7, no. 1)over)

Office of Technical Services

<p>Reuter, F. and Labhart, A. SALURETICS AND GLUCOSE TOLERANCE (Saluretika und Glukosetoleranz). 13p 10refs. Order from SLA \$1.60</p> <p>Trans. of <u>Helv[etic] Med[ical] Acta</u> (Switzerland) 1961, [v. 28] no. 4, p. 487-495.</p> <p>(Biological Sciences--Pharmacology, TT, v. 12, no. 5)</p>	<p>TT-64-16855</p> <p>I. Reuter, F. II. Labhart, A.</p> <p>Office of Technical Services</p>
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Cottier, P. and Göldi, C.  
LATE RESULTS OF HEMODIALYSIS IN ACUTE AND  
CHRONIC RENAL INSUFFICIENCY (Spätresultate der  
Hämodialyse bei Akuter und Chronischer Nierenin-  
suffizienz). Aug 62, 8p. 8 refs.  
Order from SLA \$1.10

62-20032

Trans. of Helv[etica] Med[ica] Acta (Switzerland) 1961,  
v. 28, Sep, p. 587-593.

DESCRIPTORS: \*Artificial kidney, \*Nephritis, Therapy,  
Medical equipment.

This is a report on the late results of 202 hemodialyses  
conducted during the past 4 years on 134 patients, ac-  
cording to the modified method of Alwall. Of 43 patients  
with acute renal insufficiency 15 (35%) are still alive.  
The cause of death in the remaining 65% was of an ex-  
trarenal nature. Only 1 of the patients with hepatorenal  
syndrome survived. Out of 87 patients with chronic  
(Biological Sciences--Pathology, TT, v. 9, no. 9) (over)

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II. Göldi, C.

Office of Technical Services

Veyrat, R., Fabre, J., and Müller, A.-F.  
SELECTIVE INHIBITION OF ALDOSTERONE SECRETION BY A SEMI-SYNTETIC HEPARINOID  
(Ro 1 8307) (Inhibition Sélective de la Secréion des Aldostérones par un Héparinoïde Semi-Synthétique  
(Ro 1 8307)). [May 63] [9]p. 2 refs.  
Order from SLA \$1.10

63-18798

Trans. of Helv[etica] Med[ica] Acta (Switzerland) 1962,  
v. 29, Dec, p. 543-549.

DESCRIPTORS: Inhibition, "Aldosterone, Secretion,  
"Diuretics, Urine, Corticosteroid agents, "Heparin,  
Drugs.

In normal persons under physiological conditions  
accompanied by hyperaldosteronism, the heparinoid  
Ro 1 8307 lowers urinary aldosterone excretion without  
influencing that of the 17-hydroxycorticosteroids,  
(Biological Sciences--Pharmacology, TT, v. 10, no. 11)  
(over)

63-18798

- I. Title: Heparinoid
- II. Veyrat, R.
- III. Fabre, J.
- IV. Müller, A.-F.

Office of Technical Services

<p>Tripod, J. and Keberle, H. PHARMACODYNAMIC ASPECTS OF IRON MOBILIZATION IN THE ORGANISM (Aspects Pharmacodynamiques de la Mobilisation du fer dans l'Organisme). 19 Oct 62, 8p. 12 refs. Order from SLA \$1.10</p> <p>Trans. of <u>Helvetic Medical Acta</u> (Switzerland) 1962, v. 29, no. 5/6, p. 674-679.</p> <p>DESCRIPTORS: Pharmacology, Drugs, Antibiotics, Chemotherapeutic agents, Iron, Metabolism, *Chelate compounds, Biochemistry, *Complex compounds, *Iron compounds, *Oximes, *Hemochromatosis.</p> <p>(Biological Sciences--Pharmacology, TT, v. 10 no. 6)</p>	<p>63-16346</p> <p>I. Tripod, J. II. Keberle, H.</p> <p>63-16346</p> <p>Office of Technical Services</p>
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On the Influence of Prolonged Bodily  
Inactivity on the Blood Sugar Curves  
After Oral Glucose Loading, by P. A. Buhr.  
(GERMAN, per, Helv. Med. Acta, Vol 30,  
No 2, 1963, pp 156-175.  
HEW NIH 10-6-65

EE-Germany  
Sci/BGM  
Mar 66

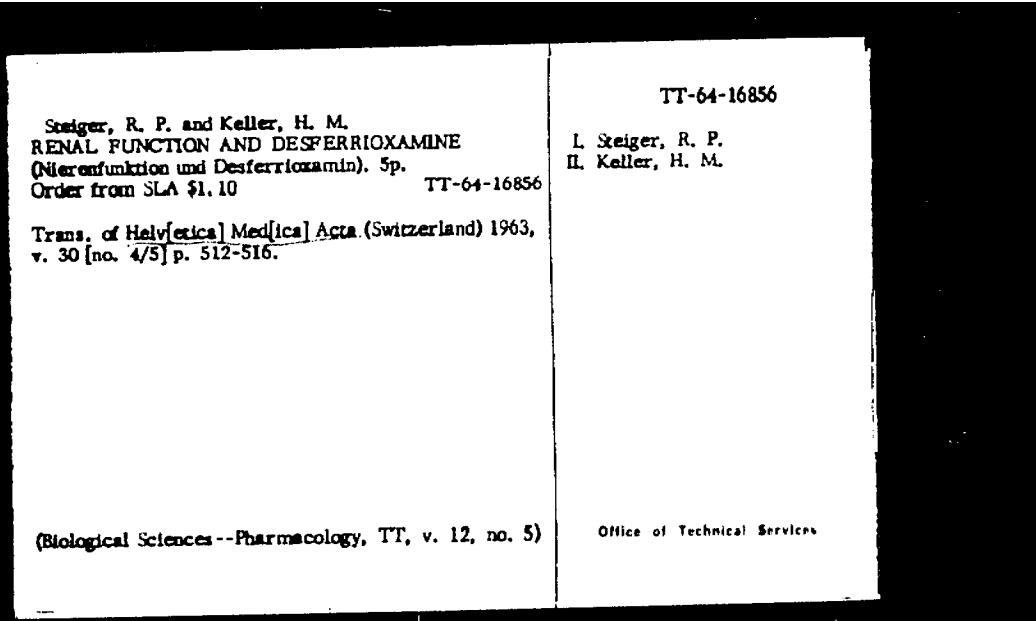
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Adrenal and extra-Adrenal Effects of a Synthetic  
Polypeptide (39,920 Ba) which Stimulates the  
Adrenal Cortex, by H. Jenny, A. Muller. 6 pp.  
GERMAN, per, Helvetica Médica Acta (Switzerland)  
Vol 30, 1963, pp 476-481.

SLA TT-66-12057

Sci/84a  
Apr 67

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The Chemistry of the Formation of Complexes in  
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pp 724-755.

REF NII 9-14-66

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Field 6P

Veyrat, R.; Champlain, J. de.; Boucher, R.; Genest, J.;  
Muller, A. F.  
RELATIONSHIP BETWEEN THE PLASMA LEVEL OF  
RENIN ACTIVITY AND THE METABOLIC SODIUM  
BALANCE IN NORMAL MAN (Correlation Entre le Taux  
Plasmatique de l'Activite de la Renine et le Bilan Metabo-  
lique du Sodium chez l'Homme Normal). 6p, 1ref.  
Order from SLA: \$1.10 as TT-65-13940

Trans. of Helvetica Medica Acta (Switzerland) v31 p432-6  
1964.

MR 689

Paroxysmal Myoglobinuria, by H. Wisaler, 6 pp.

GERMAN, per, Helvetica Paediatrica Acta, Vol IV,  
1948, pp 334-337.

SLA 59-14876

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Sep 61

Vol III, No 9

70-13440-06E  
Grob, M.; Stockmann, M.  
ON TENDOVAGINITIS STENOSANS (STENOSING TENDO-  
VAGINITIS), A TYPICAL AFFECTION IN SMALL  
CHILDREN. Helvetica Paediatrica Acta, v. 6, p. 112-118.  
1951. Figs. refs. omitted.  
Order from NTC as 70-13440-06E: HC \$ 6.70, MF \$ 5.80.

On the Clinical Significance of the So-called Setting Sun Reflex-like Phenomenon in the Newborn, by H. Stillhart, 13 pp.

GERMAN, per, Helvetica Paediatrica Acta, Vol IX,  
No 4, 1954, pp 296-310.

NIH 1-1-63

Sci - Biol-Med Sci

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The Syndromes of Pseudohermaphroditism vs Masculinus  
in Congenital Adrenal Cortex Hyperplasia Without  
Androgen Hyperproduction (Adrenal Pseudo-  
Hermaphroditism vs Masculinus), by A. Prader,  
H. P. Gurtner, 15 pp.

GERMAN, per, Helvetica Paediatrica Acta, Vol. X,  
1955, pp 397-412.

NIH 6-44-61  
OTS 61-16561  
75, 982

Sci - Med

Dec 61

Congenital Immunological Paralysis With Absence of  
Specific  $\beta_2$  Globulins and Quantitatively Normal  
Gamma Globulins, by A. Giedion, J. J. Scheidegger,  
33 pp.

GERMAN, per, Helv Paediatr Acta, Vol XII, 1957,  
pp 241-258.

NIH 11-6

Sci - Medicine  
Dec 59

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Adrenal Insufficiency in Congenital Lipoid Hyperplasia of the Adrenals, by A. Prader,  
R. E. Siebenmann, 8 pp.

GURMAN, per, Helvetica Paediatrica Acta, Vol XII,  
December 1957, pp 569-595.

NTM 6-45-61  
OTS 61-16562  
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Sci - Med

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The Physiological Development of the "Immune Globulins"  
(Gamma and Beta<sub>2</sub> Globulins), by W. H. Hitsig, 15 pp.

GERMAN, per, Helv Paediatr Acta, Vol XII, 1957,  
pp 596-604.

NIH 12-6

Sci - Medicine  
Jan 60

SLA 59-22582

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Gebala, A.

COLD AGGLUTININS IN CHILDHOOD VIRUS DISEASES (Die Kälteagglutinine bei Viruskrankheiten des Kindesalters) tr. by P. Hajdu. 20 Aug 59, 17p. 14 refs.  
Order from OTS or SLA \$1.60 59-18960

Trans. of Helvetica Paediatrica Acta (Switzerland)  
1958, v. 13, no. 3, p. 262-271.

DESCRIPTORS: \*Virus diseases, \*Children,  
\*Hemagglutinins

Childhood diseases of viral origin show a more frequent rise in cold agglutinin titers than do bacterial infections. There is a correlation between the incidence of positive cold agglutinin titers and the degree of inflammatory change in the respiratory tract. Virus-caused pneumonia appears not only as "primary atypical pneumonia" but also as a complication of measles, (Biological Sciences--Pathology, TT, v. 7, no. 4) (over)

59-18960

I. Gebala, A.  
II. National Institutes of Health, Bethesda, Md.  
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10-16-61  
Office of Technical Services